



03-31-04

Express Mail" mailing label no.: EV 443737045 US Date of Deposit: March 29, 2004  
I hereby certify that this paper or fee is being deposited with the United States Postal Service's "Express Mail Post Office to Addressee" service under 37 C.F.R. § 1.10 on the date indicated above and is addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

By Maria E. Vega [MARIA E. VEGA]

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:	)	Group Art Unit: 3722
PAUL F. COTE, <i>ET AL.</i>	)	Examiner: Unknown
Serial No.: 10/643,445	)	
Filed: August 19, 2003	)	
For: DURABLE SECURITY DEVICES AND	)	
SECURITY ARTICLES EMPLOYING	)	
SUCH DEVICES	)	

INFORMATION DISCLOSURE STATEMENT  
PURSUANT TO 37 C.F.R. §§ 1.56 and 1.97(b)(3)

Commissioner of Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Pursuant to 37 C.F.R. §§ 1.56 and 1.97(b)(3), the following United States published applications/patents (copies of which are enclosed) are submitted to the Examiner for consideration:

*Published U.S. Patent Application*

<u>Publication No.</u>	<u>Inventor</u>	<u>Publication Date</u>
20020014967A1	Crane <i>et al.</i>	02/07/2002

*U.S. Patents*

<u>Patent No.</u>	<u>Inventor</u>	<u>Issue Date</u>
4,044,231	Beck <i>et al.</i>	08/23/1977
4,183,989	Tooth	01/15/1980
4,446,204	Kaule <i>et al.</i>	05/01/1984

<u>Patent No.</u>	<u>Inventor</u>	<u>Issue Date</u>
4,511,616	Pitts <i>et al.</i>	04/16/1985
4,534,398	Crane	08/13/1985
4,584,529	Aoyama	04/22/1986
4,631,222	Sander	12/23/1986
4,631,223	Sander	12/23/1986
4,652,015	Crane	03/24/1987
4,869,778	Cote	09/26/1989
4,943,093	Melling <i>et al.</i>	07/24/1990
4,960,651	Pettigrew <i>et al.</i>	10/02/1990
4,980,569	Crane <i>et al.</i>	12/25/1990
5,016,919	Rotondo	05/21/1991
5,042,842	Green <i>et al.</i>	08/27/1991
5,043,201	Cote	08/27/1991
5,082,842	Widmer	01/21/1992
5,093,184	Edwards	03/03/1992
5,112,672	Kaule <i>et al.</i>	05/12/1992
5,113,062	Fujita <i>et al.</i>	05/12/1992
5,190,318	Mantegazza	03/02/1993
5,196,681	Mantegazza	03/23/1993
5,265,916	Coe	11/30/1993
5,279,403	Harbaugh <i>et al.</i>	01/18/1994
5,284,363	Gartner <i>et al.</i>	02/08/1994
5,308,992	Crane <i>et al.</i>	05/03/1994
5,354,099	Kaule <i>et al.</i>	10/11/1994
5,383,687	Suess <i>et al.</i>	01/24/1995
5,388,862	Edwards	02/14/1995
5,394,969	Harbaugh	03/07/1995
5,417,316	Harbaugh	03/23/1995
5,419,424	Harbaugh	05/30/1995
5,447,335	Haslop	09/05/1995
5,457,382	Stein	10/10/1995
5,474,638	Kohlhammer <i>et al.</i>	12/12/1995
5,486,022	Crane	01/23/1996
5,516,153	Kaule	05/14/1996
5,535,871	Harbaugh	07/16/1996
5,543,911	Jeffers	08/06/1996
5,545,885	Jagielinski	08/13/1996
5,582,927	Andricacos <i>et al.</i>	12/10/1996
5,583,631	Lazzerini	12/10/1996
5,599,047	Kaule <i>et al.</i>	02/04/1997
5,601,931	Hoshino <i>et al.</i>	02/11/1997
5,614,824	Dames <i>et al.</i>	03/25/1997
5,639,126	Dames <i>et al.</i>	06/17/1997
5,697,649	Dames <i>et al.</i>	12/16/1997
5,786,587	Colgate, Jr.	07/28/1998
5,803,503	Kaule <i>et al.</i>	09/08/1998

<u>Patent No.</u>	<u>Inventor</u>	<u>Issue Date</u>
5,949,050	Fosbenner <i>et al.</i>	09/07/1999
6,086,708	Colgate, Jr.	07/11/2000
6,146,773	Kaule	11/14/2000
6,168,851	Kubota	01/02/2001
6,255,948	Wolpert <i>et al.</i>	07/03/2001
6,316,082	Tomkins <i>et al.</i>	11/13/2001
6,336,988	Enlow <i>et al.</i>	01/08/2002
6,343,745	Bohm <i>et al.</i>	02/05/2002
6,364,983	Kay	04/02/2002
6,376,094	Dames <i>et al.</i>	04/23/2002
6,440,522	Duscheck <i>et al.</i>	08/27/2002
6,454,166	Stenzel <i>et al.</i>	09/24/2002
6,474,695	Schneider <i>et al.</i>	11/05/2002

The following German reference (copy of full-text reference enclosed along with a copy of an English language abstract) is submitted to the Examiner for consideration:

*Foreign Reference*

<u>Application/ Patent No.</u>	<u>Country</u>	<u>Patentee</u>	<u>Publication/ Grant Date</u>
DE 195 48 528 A	Germany	Giesecke & Devrient GmbH	06/26/1997

The undersigned hereby submits that Applicant's knowledge regarding the contents of DE 195 48 528 A is limited to that contained in the attached English-language abstract for this reference.

*Printed Publications*

TUCKER, RICHARD, "Portals and Tagsa make their mark in secure labels", (article source and date unknown).

De La Rue Holographics Ltd., "The Mark of Authenticity" brochure, Designed and Produced by Osprey RMA, Hampshire, England (date unknown).

Applicant is unaware of art any more pertinent to the above-identified application than the references cited above.

A "List of Prior Art Cited by Applicant" (PTO Form SB/08A and SB/08B) is enclosed for the Examiner's convenience.

Respectfully submitted,



Date: March 29, 2004

Mary R. Bonzagni  
Attorney for Applicant  
Registration No. 34779  
Holland & Bonzagni, P.C.  
Customer No. 27804  
(413) 567-2076

[02044P16]



PTO/SB/08A (08-03)

Approved for use through 07/31/2006. OMB 0651-0031  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 1

of 5

**Complete if Known**

Application Number	10/643,445
Filing Date	August 19, 2003
First Named Inventor	Paul F. Cote
Art Unit	3722
Examiner Name	Unknown
Attorney Docket Number	02044P

**U. S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
		US- 20020014967 A1	02-07-2002	Crane et al.	
		US- 4,044,231	08-23-1977	Beck et al.	
		US- 4,183,989	01-15-1980	Tooth	
		US- 4,446,204	05-01-1984	Kaule et al.	
		US- 4,511,616	04-16-1985	Pitts et al.	
		US- 4,534,398	08-13-1985	Crane	
		US- 4,584,529	04-22-1986	Aoyama	
		US- 4,631,222	12-23-1986	Sander	
		US- 4,631,223	12-23-1986	Sander	
		US- 4,652,015	03-24-1987	Crane	
		US- 4,869,778	09-26-1989	Cote	
		US- 4,943,093	07-24-1990	Melling et al.	
		US- 4,960,651	10-02-1990	Pettigrew et al.	
		US- 4,980,569	12-25-1990	Crane et al.	
		US- 5,016,919	05-21-1991	Rotondo	
		US- 5,042,842	08-27-1991	Green et al.	
		US- 5,043,201	08-27-1991	Cote	
		US- 5,082,842	01-21-1992	Widmer	
		US- 5,093,184	03-03-1992	Edwards	

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)				
		DE 195 48 528 A*	06-26-1997	Giesecke & Devr		
		*also includes English language Abstract				

Examiner  
SignatureDate  
Considered

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

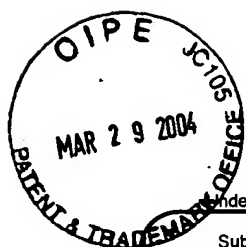
"Express Mail" mailing label no.: EV 443737045 US Date of Deposit: March 29, 2004I hereby certify that this paper or fee is being deposited with the United States Postal Service's "Express Mail Post Office to Addressee" service under 37 C.F.R. § 1.10 on the date indicated above and is addressed to: Mail Stop

Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

By

Maria E. Vega

[MARIA E. VEGA]



PTO/SB/08A (08-03)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 2

of 5

**Complete if Known**

Application Number	10/643,445
Filing Date	August 19, 2003
First Named Inventor	Paul F. Cote
Art Unit	3722
Examiner Name	Unknown
Attorney Docket Number	02044P

**U. S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
		US- 5,112,672	05-12-1992	Kaule et al.	
		US- 5,113,062	05-12-1992	Fujita et al.	
		US- 5,190,318	03-02-1993	Mantegazza	
		US- 5,196,681	03-23-2003	Mantegazza	
		US- 5,265,916	11-30-1993	Coe	
		US- 5,279,403	01-18-1994	Harbaugh et al.	
		US- 5,284,363	02-08-1994	Gartner et al.	
		US- 5,308,992	05-03-1994	Crane et al.	
		US- 5,354,099	10-11-1994	Kaule et al.	
		US- 5,383,687	01-24-1995	Suess et al.	
		US- 5,388,862	02-14-1995	Edwards	
		US- 5,394,969	03-07-1995	Harbaugh	
		US- 5,417,316	03-23-1995	Harbaugh	
		US- 5,419,424	05-30-1995	Harbaugh	
		US- 5,447,335	09-05-1995	Haslop	
		US- 5,457,382	10-10-1995	Stein	
		US- 5,474,638	12-12-1995	Kohlhammer et al.	
		US- 5,486,022	01-23-1996	Crane	
		US- 5,516,153	05-14-1996	Kaule	

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)				

Examiner  
SignatureDate  
Considered

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.



Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

## Complete if Known

Application Number	10/643,445
Filing Date	August 19, 2003
First Named Inventor	Paul F. Cote
Art Unit	3722
Examiner Name	Unknown
Attorney Docket Number	02044P

Sheet 3 of 5

## U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
		US- 5,535,871	07-16-1996	Harbaugh	
		US- 5,543,911	08-06-1996	Jeffers	
		US- 5,545,885	08-13-1996	Jagielinski	
		US- 5,582,927	12-10-1996	Andricacos et al.	
		US- 5,583,631	12-10-1996	Lazzerini	
		US- 5,599,047	02-04-1997	Kaule et al.	
		US- 5,601,931	02-11-1997	Hoshino et al.	
		US- 5,614,824	03-25-1997	Dames et al.	
		US- 5,639,126	06-17-1997	Dames et al.	
		US- 5,697,649	12-16-1997	Dames et al.	
		US- 5,786,587	07-28-1998	Colgate, Jr.	
		US- 5,803,503	09-08-1998	Kaule et al.	
		US- 5,949,050	09-07-1999	Fosbenner et al.	
		US- 6,086,708	07-11-2000	Colgate, Jr.	
		US- 6,146,773	11-14-2000	Kaule	
		US- 6,168,851	01-02-2001	Kubota	
		US- 6,255,948	07-03-2001	Wolpert et al.	
		US- 6,316,082	11-13-2001	Tomkins et al.	
		US- 6,336,988	01-08-2002	Enlow et al.	

## FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)				

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

**Complete if Known**

**(Use as many sheets as necessary)**

of 5

Application Number	10/643,445
Filing Date	August 19, 2003
First Named Inventor	Paul F. Cote
Art Unit	3722
Examiner Name	Unknown
Attorney Docket Number	02044P

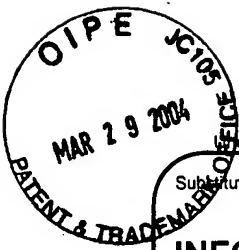
[illegible][illegible]Date  
Considered

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

*If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.*





Substitute for form 1449/PTO

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

### Complete if Known

Application Number	10/643,445
Filing Date	August 19, 2003
First Named Inventor	Paul F. Cote
Art Unit	3722
Examiner Name	Unknown
Attorney Docket Number	02044P

Sheet	5	of	5
-------	---	----	---

### NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		TUCKER, RICHARD, "Portals and Tagsa make their mark in secure labels", (article source and date unknown).	
		De La Rue Holographics Ltd., "The Mark of Authenticity" brochure, Designed and Produced by Osprey RMA, Hampshire, England (date unknown).	

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.